

Technical Soil Descriptions

Technical soil descriptions describe the characteristics or properties (physical and chemical) of the soil including the parent material in which it formed. A pedon, a small three-dimensional area of the soil, serves as the reference point for the technical or soil series description. The soil description compares the soil to similar and other nearby soils and also includes a range of important characteristics. The detailed description method follows standards outlined in the Soil Survey Manual and many of the technical terms used in the description are defined in Soil Taxonomy.

Counties with Published Soil Surveys

Technical soil descriptions are located in the county soil survey descriptive legend.

Counties without Published Soil Surveys

Technical soil descriptions can be found in adjacent county published soil survey descriptive legends or at our [Official Soil Series Description](#) web site.

This section includes:

- (a) **Classification of the soils**

Crawford County, Missouri
 Classification of the Soils

(An asterisk in the first column indicates a taxadjunct to the series. See text for a description of those characteristics that are outside the range of the series.)

Soil name	Family or higher taxonomic class
Alred-----	Loamy-skeletal over clayey, siliceous, semiactive, mesic Typic Paleudalfs
Beemont-----	Very-fine, smectitic, mesic Oxyaquic Hapludalfs
Bendavis-----	Loamy-skeletal, siliceous, active, mesic Typic Hapludults
Bender-----	Loamy-skeletal, siliceous, active, mesic Typic Hapludults
*Bender-----	Loamy-skeletal, siliceous, subactive, mesic Typic Dystrudepts
Bloomsdale-----	Loamy-skeletal, mixed, superactive, mesic Typic Hapludalfs
Caneyville-----	Fine, mixed, active, mesic Typic Hapludalfs
Cedargap-----	Loamy-skeletal, mixed, superactive, mesic Cumulic Hapludolls
Coulstone-----	Loamy-skeletal, siliceous, semiactive, mesic Typic Paleudults
Courtois-----	Fine, mixed, active, mesic Typic Paleudalfs
Crider-----	Fine-silty, mixed, active, mesic Typic Paleudalfs
Deible-----	Fine, mixed, active, mesic Typic Albaqualfs
Fourche-----	Fine-silty, mixed, active, mesic Glossaquic Paleudalfs
Freeburg-----	Fine-silty, mixed, superactive, mesic Aquic Hapludalfs
Gabriel-----	Fine-silty, mixed, superactive, mesic Typic Argiaquolls
Gatewood-----	Very-fine, mixed, active, mesic Oxyaquic Hapludalfs
Glensted-----	Fine, smectitic, mesic Vertic Albaqualfs
Goss-----	Clayey-skeletal, mixed, active, mesic Typic Paleudalfs
Gravois-----	Fine-silty, mixed, active, mesic Aquic Paleudalfs
Hartville-----	Fine, mixed, active, mesic Aquic Hapludalfs
Haymond-----	Coarse-silty, mixed, superactive, mesic Dystric Fluventic Eutrudepts
Higdon-----	Fine-silty, mixed, active, mesic Aquic Hapludalfs
Hildebrecht-----	Fine-silty, mixed, active, mesic Oxyaquic Fragiudalfs
Hobson-----	Fine-loamy, siliceous, active, mesic Oxyaquic Fragiudalfs
Horsecreek-----	Fine-silty, mixed, active, mesic Mollic Hapludalfs
Huzzah-----	Coarse-loamy, siliceous, superactive, mesic Cumulic Hapludolls
Kaintuck-----	Coarse-loamy, siliceous, superactive, nonacid, mesic Typic Udifluvents
Lecomah-----	Fine-loamy, siliceous, active, mesic Typic Paleudalfs
Lily-----	Fine-loamy, siliceous, semiactive, mesic Typic Hapludults
Moko-----	Loamy-skeletal, mixed, superactive, mesic Lithic Hapludolls
Plato-----	Fine, mixed, active, mesic Aquic Fragiudalfs
Poynor-----	Loamy-skeletal over clayey, siliceous, semiactive, mesic Typic Paleudults
Racoon-----	Fine-silty, mixed, superactive, mesic Typic Endoaqualfs
Razort-----	Fine-loamy, mixed, active, mesic Mollic Hapludalfs

Crawford County, Missouri
Classification of the Soils

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Soil name	Family or higher taxonomic class
Relfe-----	Sandy-skeletal, siliceous, mesic Mollic Udifluvents
Rosati-----	Fine, mixed, active, mesic Aquic Fragiudalfs
Rueter-----	Loamy-skeletal, siliceous, active, mesic Typic Paleudalfs
Scholten-----	Loamy-skeletal, siliceous, active, mesic Typic Fragiudults
Sonsac-----	Clayey-skeletal, mixed, active, mesic Typic Hapludalfs
Sturkie-----	Fine-silty, mixed, superactive, mesic Cumulic Hapludolls
Swiss-----	Fine, mixed, semiactive, mesic Oxyaquic Hapludalfs
Tonti-----	Fine-loamy, mixed, active, mesic Typic Fragiudults
Union-----	Fine, mixed, active, mesic Oxyaquic Fragiudalfs
Useful-----	Fine, mixed, active, mesic Oxyaquic Hapludalfs
Viburnum-----	Fine, mixed, active, mesic Aquic Paleudults
*Waben-----	Loamy-skeletal, siliceous, active, mesic Typic Paleudalfs
Yelton-----	Fine-loamy, siliceous, active, mesic Typic Fragiudults